

# CURRENT AND FUTURE STUDIES

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*Galveston District – Dredging Meeting*

*Custodians of the Coast*



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# Planning Section Update

- Shallow Draft Channel Studies
- Deep Draft Channel Studies
- Challenges



# Existing Shallow Draft Studies



# GIWW – High Island to Brazos River DMMP

- District has initiated a new DMMP.
- 85 mile reach with 65 PA's.
- District has teamed with ERDC to develop several new tools that will facilitate placement opportunities on this reach as well as others.



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# GIWW - Port O'Connor to Corpus Christi Bay

- Current study evaluating changes to address navigation safety issues.
- Draft report was submitted to SWD in April 2014.





# GIWW - Mooring Basin Modifications

- Study underway to evaluate modifications to four mooring basins (Port Arthur, Bolivar, Pelican Island and Brazos River facilities).
- Benefits currently being evaluated using Port Vision data.
- Team is currently completing draft report.
- Utilizing O&M funds.



# Cedar Bayou DMMP

- Completed evaluation of new placement area alternatives including modified and new upland confined PA's as well as new beneficial use opportunities.
- Draft report complete and has been sent out for PN.
- Scheduled to be complete in January 2015.
- Utilizing O&M funds.



# Chocolate Bayou DMMP

- Completed new DMMP which included modification of existing placement area.
- Document has been submitted to Southwestern Division for review and approval.
- Utilizing O&M funds.





# On-Going Deep-Draft Studies

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# Sabine Neches Waterway

- Chief's Report signed on 22 July 2011.
- Recommends deepening to 48 feet and selective widening.
- Initiating new Economic Update



# Houston – Galveston Navigation Channels (HGNC)

- Initiated preparation of DMMP for Houston Ship Channel.
  - ▶ Existing capacity evaluations are complete.
  - ▶ Utilizing O&M funds.
- HGNC 902 LRR
  - ▶ Draft LRR identifying new cost for Congressional authorization. Scheduled to transmit report to HQ in Dec 2014.
- Houston Ship Channel Recon
  - ▶ One of 9 new start Recon's for USACE. Draft Recon Report prepared.
  - ▶ Expect initiation of Feasibility Study to evaluate changes to HSC.



# Freeport Channel

- Feasibility Study evaluating deepening and widening alternatives.
- Successfully defended project at Civil Works Review Board in August 2012. Chief's Report signed on 7 Jan 2013. Authorized in WRRDA 2014.
- Recommends deepening to 56, 51 and 26 feet with selective widening.
- Section 204 Widening approved by ASA (CW).



# Corpus Christi Ship Channel

- Completed study in 2003 to deepen channel to 52 feet, barge lanes, extend La Quinta Channel.
- Received authorization in 2007 WRDA.
- Completed construction of La Quinta Channel extension. Sponsor deepening from 39 to 45 feet.
- Potential to start LRR evaluating widening only on a portion of the main channel.





# Brazos Island Harbor

- Feasibility study to evaluate deepening/ widening alternatives completed.
- Successfully defended project at CWRB on 25 June 2014.
- Chief's Report currently being routed for signature.



# Challenges

- Uncertainty in the budgeting process
- Review process
- 3x3x3



# Questions?

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